

INTERNATIONAL SEARCH REPORT

International Application No

/JP2004/004187

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G02F1/01 H04B10/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0141, no. 69 (P-1032), 30 March 1990 (1990-03-30) & JP 2 024636 A (FUJITSU LTD), 26 January 1990 (1990-01-26) abstract; figures 1,4	1-3
Y		4-22
A	US 2002/191265 A1 (RAO HEMONTH G ET AL) 19 December 2002 (2002-12-19) figures 2,3 ----- -/--	3-5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

19 October 2004

Date of mailing of the international search report

02/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Lord, R

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04, 4 August 2002 (2002-08-04) & JP 2001 356378 A (FURUKAWA ELECTRIC CO LTD:THE; NIKON CORP), 26 December 2001 (2001-12-26) cited in the application abstract	4,5,8,9, 11-16, 18-22
Y	US 2002/176080 A1 (IWATA HIROYUKI) 28 November 2002 (2002-11-28) figure 3	6-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/JP2004/004187

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2024636	A	26-01-1990	JP 2668399 B2	27-10-1997
US 2002191265	A1	19-12-2002	WO 02103440 A2	27-12-2002
JP 2001356378	A	26-12-2001	NONE	
US 2002176080	A1	28-11-2002	JP 2002350798 A	04-12-2002

BEST AVAILABLE COPY